

## **STIC Biotechnology Systems Branch**

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Application Serial Number: 10/550,295  
Source: 1Fw0  
Date Processed by STIC: 7/14/06

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06



IFWO

## RAW SEQUENCE LISTING

DATE: 07/14/2006

PATENT APPLICATION: US/10/550,295

TIME: 08:31:13

Input Set : A:\05081140.APP

Output Set: N:\CRF4\07142006\J550295.raw

3 <110> APPLICANT: PETIT, MARIE-ANN  
 4 JOLIVET-REYNAUD, COLETTE  
 6 <120> TITLE OF INVENTION: NEW ANTIBODIES DIRECTED AGAINST HEPATITIS C VIRUS,  
 7 COMPOSITIONS OF PARTICLES LIABLE TO BE RECOGNIZED BY  
 8 SAID ANTIBODIES, AND PHARMACEUTICAL COMPOSITIONS  
 9 CONTAINING THE SAME  
 11 <130> FILE REFERENCE: 0508-1140  
 13 <140> CURRENT APPLICATION NUMBER: 10/550,295  
 14 <141> CURRENT FILING DATE: 2005-09-21  
 16 <150> PRIOR APPLICATION NUMBER: PCT/EP04/003412  
 17 <151> PRIOR FILING DATE: 2004-03-31  
 19 <150> PRIOR APPLICATION NUMBER: EP 03290822.0  
 20 <151> PRIOR FILING DATE: 2003-04-01  
 22 <160> NUMBER OF SEQ ID NOS: 28  
 24 <170> SOFTWARE: PatentIn Ver. 3.3  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 10  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Hepatitis C virus  
 31 <400> SEQUENCE: 1  
 32 Arg His Trp Thr Thr Gln Gly Cys Asn Cys  
 33 1 5 10  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 15  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Hepatitis C virus  
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 42 Pro Asp Gln Arg Pro Tyr Cys Trp His Tyr Pro Pro Lys Pro Cys  
 43 1 5 10 15  
 46 <210> SEQ ID NO: 3  
 47 <211> LENGTH: 9  
 48 <212> TYPE: PRT  
 49 <213> ORGANISM: Hepatitis C virus  
 51 <400> SEQUENCE: 3  
 52 Tyr Arg Leu Trp His Tyr Pro Cys Thr  
 53 1 5  
 56 <210> SEQ ID NO: 4  
 57 <211> LENGTH: 20  
 58 <212> TYPE: PRT  
 59 <213> ORGANISM: Artificial Sequence  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 63 primer

Does Not Comply  
Corrected Diskette Needed

primer

do you mean "peptide"? since a primer is a nucleotide sequence

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65 &lt;400&gt; SEQUENCE: 4

66 Cys Cys Cys Thr Cys Ala Thr Ala Gly Thr Thr Ala Gly Cys Gly Thr

67 1 5 10 15

69 Ala Ala Cys Gly

70 20

73 &lt;210&gt; SEQ ID NO: 5

74 &lt;211&gt; LENGTH: 20

75 &lt;212&gt; TYPE: PRT

76 &lt;213&gt; ORGANISM: Hepatitis C virus

78 &lt;400&gt; SEQUENCE: 5

79 Gln Leu Phe Thr Phe Ser Pro Arg Arg His Trp Thr Thr Thr Gln Gly

80 1 5 10 15

82 Cys Asn Cys Ser

83 20

86 &lt;210&gt; SEQ ID NO: 6

87 &lt;211&gt; LENGTH: 12

88 &lt;212&gt; TYPE: PRT

89 &lt;213&gt; ORGANISM: Artificial Sequence

91 &lt;220&gt; FEATURE:

92 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

93 peptide

95 &lt;400&gt; SEQUENCE: 6

96 Ser Pro Leu Arg His Tyr Glu Leu Pro Leu Ile Gln

97 1 5 10

100 &lt;210&gt; SEQ ID NO: 7

101 &lt;211&gt; LENGTH: 12

102 &lt;212&gt; TYPE: PRT

103 &lt;213&gt; ORGANISM: Artificial Sequence

105 &lt;220&gt; FEATURE:

106 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

107 peptide

109 &lt;400&gt; SEQUENCE: 7

110 Trp Pro His Asn His Ser Thr His Ser Arg Thr His

111 1 5 10

114 &lt;210&gt; SEQ ID NO: 8

115 &lt;211&gt; LENGTH: 12

116 &lt;212&gt; TYPE: PRT

117 &lt;213&gt; ORGANISM: Artificial Sequence

119 &lt;220&gt; FEATURE:

120 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

121 peptide

123 &lt;400&gt; SEQUENCE: 8

124 Phe Pro Lys Tyr His Pro Arg Phe His Lys His Ala

125 1 5 10

128 &lt;210&gt; SEQ ID NO: 9

129 &lt;211&gt; LENGTH: 12

130 &lt;212&gt; TYPE: PRT

131 &lt;213&gt; ORGANISM: Artificial Sequence

133 &lt;220&gt; FEATURE:

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134 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
135     peptide
137 <400> SEQUENCE: 9
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139   1             5             10
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145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
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152 Thr Ser Gln Pro Arg Trp His Gln Lys Pro Ala Thr
153   1             5             10
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 21
158 <212> TYPE: PRT
159 <213> ORGANISM: Hepatitis C virus
161 <400> SEQUENCE: 11
162 Ala Ile Leu Asp Met Ile Ala Gly Ala His Trp Gly Val Leu Ala Gly
163   1             5             10             15
165 Ile Ala Tyr Phe Ser
166             20
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172 <213> ORGANISM: Artificial Sequence
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184 <211> LENGTH: 12
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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192 <400> SEQUENCE: 13
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194   1             5             10
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199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:

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203 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 207 Trp His Arg Thr Pro Ser Thr Leu Trp Gly Val Ile  
 208 1 5 10  
 211 <210> SEQ ID NO: 15  
 212 <211> LENGTH: 21  
 213 <212> TYPE: PRT  
 214 <213> ORGANISM: Hepatitis C virus  
 216 <400> SEQUENCE: 15  
 217 Asp Gln Arg Pro Tyr Cys Trp His Tyr Pro Pro Lys Pro Cys Gly Ile  
 218 1 5 10 15  
 220 Val Pro Ala Lys Ser  
 221 20  
 224 <210> SEQ ID NO: 16  
 225 <211> LENGTH: 11  
 226 <212> TYPE: PRT  
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 233 <400> SEQUENCE: 16  
 234 Trp His Lys Leu Pro Gly His Pro Arg Thr Val  
 235 1 5 10  
 238 <210> SEQ ID NO: 17  
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 240 <212> TYPE: PRT  
 241 <213> ORGANISM: Artificial Sequence  
 243 <220> FEATURE:  
 244 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 247 <400> SEQUENCE: 17  
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 254 <212> TYPE: PRT  
 255 <213> ORGANISM: Artificial Sequence  
 257 <220> FEATURE:  
 258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 262 His Ser Ser Trp Tyr Ile Gln His Phe Pro Pro Leu  
 263 1 5 10  
 266 <210> SEQ ID NO: 19  
 267 <211> LENGTH: 12  
 268 <212> TYPE: PRT  
 269 <213> ORGANISM: Artificial Sequence  
 271 <220> FEATURE:

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272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
273     peptide
275 <400> SEQUENCE: 19
276 Phe Pro Ala His Pro Leu Pro Arg Leu Pro Ser Leu
277   1             5             10
280 <210> SEQ ID NO: 20
281 <211> LENGTH: 22
282 <212> TYPE: PRT
283 <213> ORGANISM: Hepatitis C virus
285 <400> SEQUENCE: 20
286 Asp Tyr Pro Tyr Arg Leu Trp His Tyr Pro Cys Thr Ile Asn Tyr Thr
287   1             5             10             15
289 Ile Phe Lys Ile Arg Met
290           20
293 <210> SEQ ID NO: 21
294 <211> LENGTH: 13
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
300     peptide
302 <400> SEQUENCE: 21
303 Trp His Trp Asn Lys Pro Ile Ile Arg Pro Pro Leu Arg
304   1             5             10
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308 <211> LENGTH: 12
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
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316 <400> SEQUENCE: 22
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318   1             5             10
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 14
323 <212> TYPE: PRT
324 <213> ORGANISM: Hepatitis C virus
326 <400> SEQUENCE: 23
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332 <211> LENGTH: 13
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334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
338     peptide
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/550,295

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